

## **DRIVE SYSTEM FOR VEHICLES**

### **Abstract of the Disclosure**

A drive system for vehicles, especially for commercial vehicles such as agricultural or industrial tractors, the vehicle having at least one first wheel that is driven by an associated axle or single-wheel drive motor and at least one second wheel, in the drive train of which a gearbox that can be shifted between at least two speed transmission steps is arranged. To avoid vehicle speed drops while shifting the change-speed gearbox and to avoid interfering shifting jolts, it is suggested to provide a device for the detection of a shift command and a control unit, which in the presence of a shift command automatically applies a greater load at least on the drive motor driving the first wheel, controls the shifting operation of the change-speed gearbox of the second wheel and then lowers the load of the drive motor driving the first wheel.